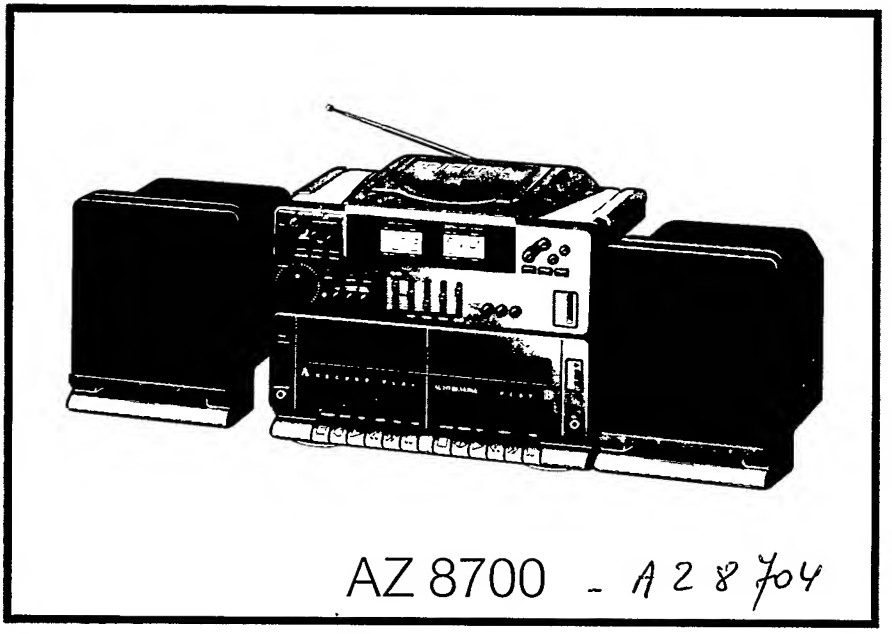
MAGNAVOX



AZ 8700 - A28704

Compact Disc AM/FM Radio Cassette Recorder Page 6

Lector de CD - AM/FM Radiocasete Página 13

WARNING

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

CAUTION

USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

The Model and Serial Number will be found on the type plate on the base of the set. Please record the Model and Serial Number in the space provided below.

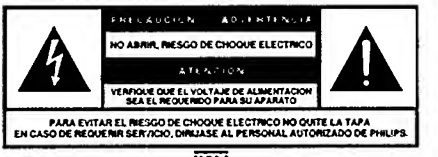
MODEL NUMBER: TYPE AZ8700/17
~50/60Hz 40W
MAGNAVOX
120/220/240V

SERIAL NUMBER: MFG MAY 1990
Sv 009620

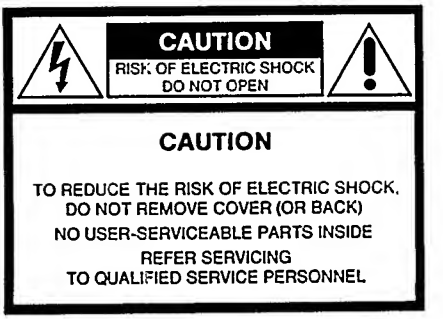
This set complies with 21 CFR 1040.10 and with the FCC-Rules, Part 15.

Español ..... página 13

Es necesario que lea cuidadosamente su instructivo de manejo.



NOM



This symbol is intended to alert the user of the presence of uninsulated 'dangerous voltage' within the product's enclosure, that may be of sufficient magnitude to constitute a risk of electric shock to persons.

This symbol is intended to alert the user of the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

USA Limited Warranty Registration

AZ8700 GY01	75424803
MODEL NUMBER	SERIAL NUMBER

SAFETY INSTRUCTIONS

Read before operating equipment

This product was designed and manufactured to meet strict quality and safety standards There are, however, some installation and operation precautions which you should be particularly aware of

1 Read Instructions - All the safety and operating instructions should be read before the appliance is operated

2 Retain Instructions - The safety and operating instructions should be retained for future reference

3 Heed Warnings - All warnings on the appliance and in the operating instructions should be adhered to

4 Follow Instructions - All operating and use instructions should be followed

5 Water and Moisture - The appliance should not be used near water - for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement or near a swimming pool, etc

6 Carts and Stands - The appliance should be used only with a cart or stand that is recommended by the manufacturer

6A An appliance and cart combination should be moved with care Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn

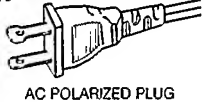
7 Wall or Ceiling Mounting - The appliance should be mounted to a wall or ceiling only as recommended by the manufacturer

8 Ventilation - The appliance should be situated so that its location or position does not interfere with its proper ventilation For example, the appliance should not be situated on a bed, sofa, rug, or similar surface that may block the ventilation openings, or, placed in a built-in installation, such as a bookcase or cabinet that may impede the flow of air through the ventilation openings

9 Heat - The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat

10 Power Sources - The appliance should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance

11 Grounding or Polarization - The precautions that should be taken so that the grounding or polarization means of an appliance is not defeated



AC POLARIZED PLUG

12 Power-Cord Protection - Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords and plugs, convenience receptacles, and the point where they exit from the appliance

13 Cleaning - The appliance should be cleaned only as recommended by the manufacturer

14 Power Lines - An outdoor antenna should be located away from power lines

15 Outdoor Antenna Grounding - If an outside antenna is connected to the receiver, be sure the antenna system is grounded so as to provide some protection against voltage surges and built up static charges
Section 810 of the National Electric Code, ANSI/NFPA No 70-1984, provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding connectors, location of antenna-discharge unit, connection to grounding electrodes, and requirements for the grounding electrode See Fig A

16 Nonuse Periods - The power cord of the appliance should be unplugged from the outlet when left unused for a long period of time

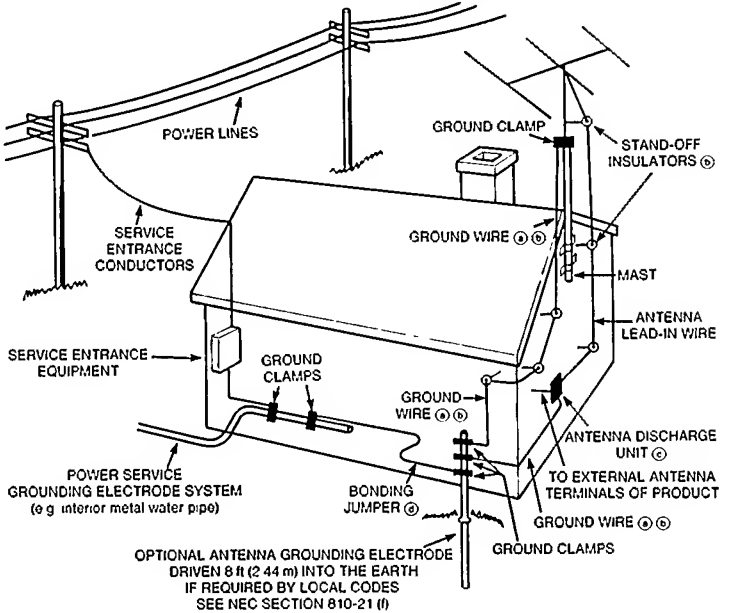
17 Object and Liquid Entry - Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings

18 Damage Requiring Service - The appliance should be serviced by qualified service personnel when
A The power-supply cord or the plug has been damaged, or
B Objects have fallen, or liquid has spilled into the appliance, or
C The appliance has been exposed to rain, or
D The appliance does not appear to operate normally or exhibits a marked change in performance, or
E The appliance has been dropped, or the enclosure damaged

19 Servicing - The user should not attempt to service the appliance beyond that described in the operating instructions All other servicing should be referred to qualified service personnel

FIG.A

EXAMPLE OF ANTENNA GROUNDING ACCORDING TO THE NATIONAL ELECTRIC CODE INSTRUCTIONS CONTAINED IN ARTICLE 810 - 'RADIO AND TELEVISION EQUIPMENT'



ⓐ Use No 10 AWG (5 3 mm²) copper, No 8 AWG (8 4 mm²) aluminum, No 17 AWG (1 0 mm²) copper-clad steel or bronze wire, or larger, ground wire

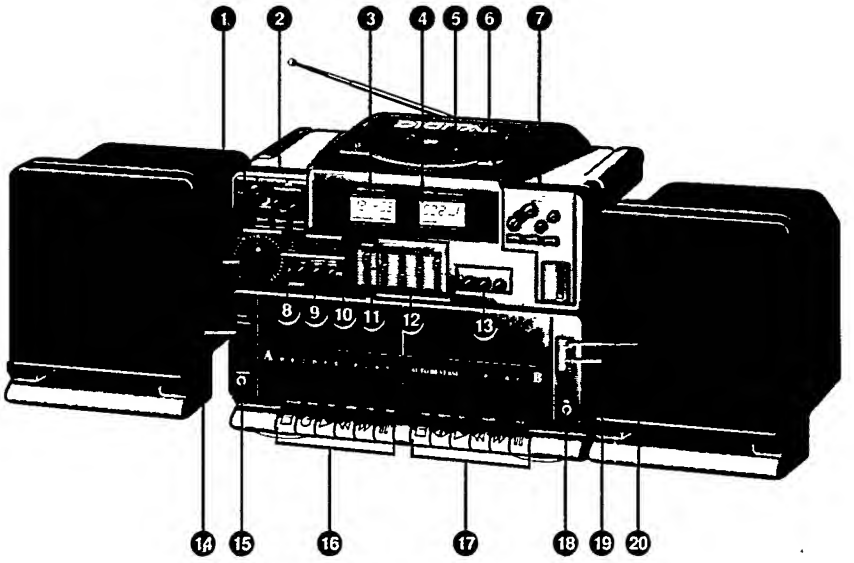
ⓑ Secure the antenna lead-in and ground wires to the house with stand-off insulators spaced from 4-6 feet (1 22-1 83 m) apart

ⓒ Mount the antenna discharge unit as close as possible to where the lead-in wire enters the house

ⓓ Use jumper wire not smaller than No 6 AWG (13 3 mm²) copper, or the equivalent, when a separate antenna-grounding electrode is used See NEC Section 810-21 (J)

NOTE TO THE CATV SYSTEM INSTALLER:

This reminder is provided to call the CATV system installer's attention to Article 820-22 of the NEC that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical


1
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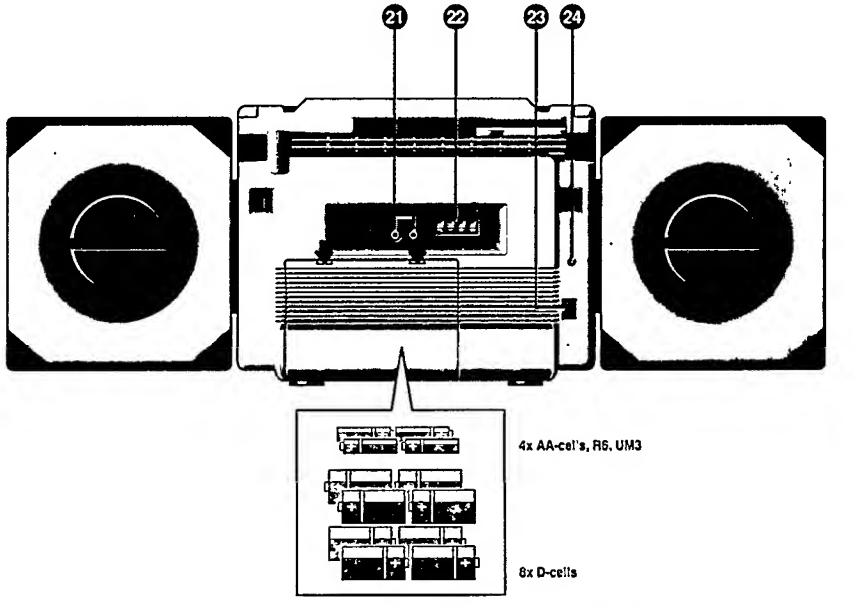
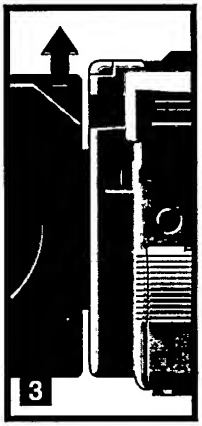
1


21
22
23
24
4x AA-cel's, R6, UM3
8x D-cells

2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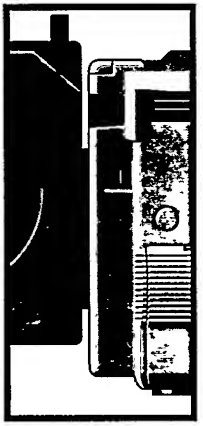
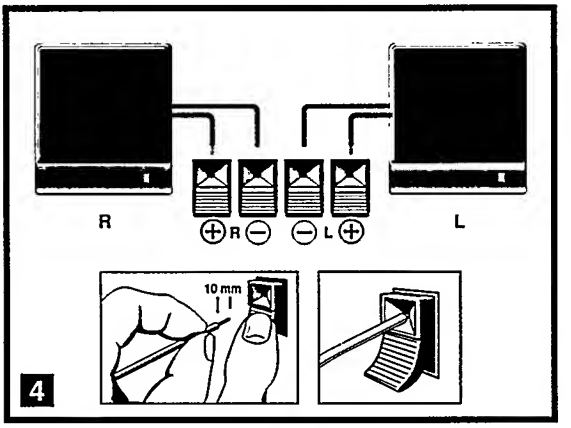
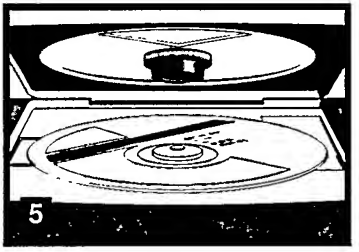
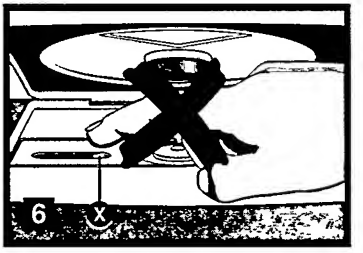
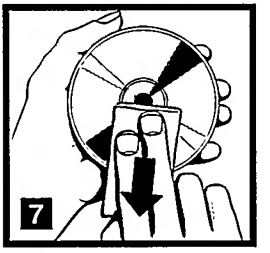



R
⊕R⊖
⊖L⊕
L
10 mm
4


5


6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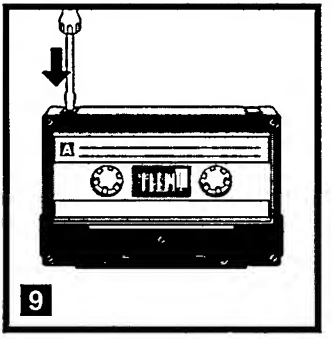
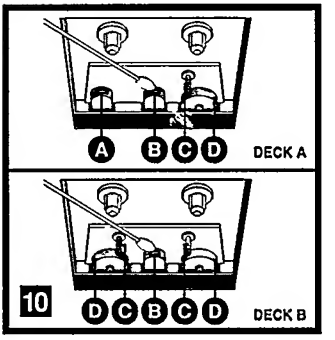
8


9


A B C D
DECK A
10
D C B C D
DECK B

Operating Instructions ..... For the illustrations, keep the pages 4 and 5 open

CONTROLS

TOP AND FRONT PANEL - fig. 1

① **VOLUME control with ON/OFF indicator** ✱
② **CD keyboard:**
- ▯▯ ▷ - PLAY ▷ and PAUSE ▯▯ button
- □ - STOP button
- ⏮ ⏭ - ***PREVIOUS/NEXT*** and ***SEARCH***:
  PREVIOUS/NEXT:
  in position playback or STOP, press briefly to jump to a previous ⏮ or next ⏭ track
  SEARCH:
  during playback, keep pressed to search fast backward ⏮ or forward ⏭
- INTROSCAN - to play only the beginning of each track
- SHUFFLE - to play all tracks in a random order
  press again to defeat the SHUFFLE function
- REPEAT - to repeat continuously the disc or the stored selection (memory)
  press again to defeat the REPEAT function
- CLEAR - to erase the memory
- DISPLAY - to display all stored track numbers
- STORE - to store the displayed track number in the memory

③ **CD display, shows:**
- -- --:-- - please wait
- TRACK - the total number of tracks
  and during PLAY the number of the track being played
- TIME - the total playing time of the disc
  and during PLAY the elapsed time of that track
- REPEAT activated
- SHUFFLE activated
- MEMORY - the stored selection (memory) is played
- SCAN (INTROSCAN) activated
- PAUSE activated

④ **TUNER/CLOCK display, shows:**
- FM or AM - the selected wave band
- the frequency in 'MHz' (FM) or in 'kHz' (AM)
- the actual time (12 or 24 hours indication)
- AM or PM in case of 12 hours time indication
- PRESETS 1...6 indicating the PRESET location of the shown frequency
- STEREO - when receiving an FM stereo transmitter

⑤ **CD cover**
⑥ **CD OPEN to open the disc compartment**
⑦ **TUNER keyboard:**
- BAND SELECTOR
- ▲ ▼ TUNING buttons
- ▲/▼ PRESETS - to select PRESET transmitters
- MEMORY/TIME - to store transmitter frequencies and to adjust the time
- MONO/STEREO - FM mono/stereo button
- FREQUENCY/TIME - to display either frequency or time

⑧ **DBB bass button with indicator** ✱ - press ⏏ to boost the bass response
⑨ **HIGH SPEED DUBBING** - press ⏏ for high speed dubbing
⑩ **cassette type selector:** ⏏ **FERRO -** ⏏ **CHROME**
⑪ **BALANCE control**
⑫ **GRAPHIC EQUALIZER tone controls:**
- 100 Hz - lower bass
- 400 Hz - upper bass
- 2 kHz (2 000 Hz) - mid-range
- 10 kHz (10 000 Hz) - treble

⑬ **CD - TAPE - TUNER - function buttons to select the sound source**
⑭ **POWER on/off button**
⑮ 🎧 **stereo headphone jack**
⑯ **deck A keyboard (recording/playback):**
- ■ STOP/EJECT
- ● RECORD
- ▶ PLAY
- ◀◀ REWIND - fast rewind
- ▶▶ F.FWD - fast forward wind
- ▮▮ PAUSE

⑰ **deck B keyboard (playback only):**
- ■ STOP/EJECT
- ◀ ▶ DIRECTION - to change the play direction
- ▶ PLAY
- ◀◀ ▶▶ FAST WIND
- ▮▮ PAUSE

⑱ **MIC - microphone jack**
⑲ **deck B REVERSE selector**
- ⇉ no reverse
- ⇄ single reverse
- ⇆ continuous reverse

⑳ **deck B TAPE DIRECTION indicators** ✱

BACK PANEL - fig. 2

㉑ **CD OUT jacks** - for CD-reproduction through e.g. your stereo system
㉒ **SPEAKERS - speaker terminals**
㉓ **AC MAINS - jack for power cord**
㉔ **VOLTAGE selector** *(not on all versions)*

INSTALLATION

SUPPLY

Batteries

Whenever convenient, use AC power supply if you want to conserve battery life.

- Open the battery compartment (fig. 2).

1. Insert as indicated eight (preferably Alkaline) batteries, type R20, UM1 or D-cells (fig. 2).
   Instead of eight normal batteries you can insert four 'Gates' rechargeable power sticks, size 2D. They require no separate recharger but are recharged automatically in this set whenever connected to a wall outlet.
   Caution: Use only 'Gates' power sticks. Normal rechargeable D-cells are not recharged in this set.
   The batteries are muted when the set is connected to the power. When changing over to battery supply, pull out the plug from the AC MAINS jack ㉓.
2. For the clock and the radio memory, insert four batteries, type R6, UM3 or AA-cells (fig. 2).

- Remove the batteries if exhausted or if they will not be used again for a long period.

AC power

- Check if the power voltage as shown on the type plate corresponds to your local power supply. If it does not, consult your dealer or service organisation.

If the set is equipped with a voltage selector ㉔ VOLTAGE, set this selector to the local power voltage.

- Connect the power cord to the AC MAINS jack ㉓ and the wall outlet. The power supply is now switched on.
- To disconnect the set from the power completely, withdraw the power plug from the wall outlet.

CONNECTIONS - fig. 1-2

Stereo headphone jack ⑮ 🎧

For stereo headphones with 3.5 mm plug. Inserting the plug will disconnect the speakers.

Jack for microphone ⑱ MIC

For a microphone with 3.5 mm plug.
To avoid disturbing noises, switch off the set or reduce the VOLUME ① before connecting the microphone.

- 'Public address': you can reproduce your voice amplified through the speakers: press function button TAPE ⑬.
- Disc-jockey: you can mix your voice with the CD, TAPE or TUNER: press function button CD, TAPE or TUNER ⑬.
- You can record it all on deck A.

Adjust the sound with the controls VOLUME ①, BALANCE ⑪ and GRAPHIC EQUALIZER ⑫ and the DBB bass button ⑧.
If a howling sound occurs, keep the microphone away from the speakers or reduce the VOLUME ①.
Disconnect the microphone when not in use.

CD Output jacks CD OUT ㉑

Cinch-jacks for CD-reproduction (not radio or cassette) through e.g. your stereo system.

- Connect the CD OUT jacks ㉑ to the input jacks REC IN, TAPE IN, LINE IN, AUX or CD IN of the other set.

The CD OUT output signal is not affected by the position of the controls VOLUME ①, BALANCE ⑪ and GRAPHIC EQUALIZER ⑫ and the DBB bass button ⑧.

Speaker terminals ㉒ SPEAKERS

See fig. 4 for connecting the supplied speakers (or others with an impedance of 4-8 Ohms). Connect the coloured (or marked) wire to the coloured terminal.
See fig. 3 for removing and fixing the supplied speakers.

RADIO RECEPTION

- Switch on the set using the POWER button ⑭.
- Press function button TUNER ⑬.
- Adjust the sound with the controls VOLUME ①, BALANCE ⑪ and GRAPHIC EQUALIZER ⑫ and the DBB bass button ⑧.
- Select the wave band using the BAND SELECTOR. The display ④ shows the wave band FM or AM and the frequency in MHz (for FM) or kHz (for AM).
  - For FM, pull out the telescopic antenna. To improve FM-reception, incline and turn the antenna. Reduce its length if the FM-signal is too strong (very close to a transmitter).
  - For AM, the set is provided with a built-in antenna, so there is no need to use the telescopic antenna. The antenna can be directed by turning the whole set.
- Tune automatically, manually or by means of the PRESETS-buttons ▲/▼ to a radio station.

Automatic tuning

- Keep the TUNING button ▲ or ▼ pressed until 'A' appears on the display ④; then release the button. The receiver stops when finding a strong transmitter.
- If the transmitter found is not the desired one, simply repeat this operation.

Manual tuning

Manual tuning is useful when you already know the frequency of the desired transmitter (e.g. from your program guide), and if you want to tune to a weak transmitter.

- Keep the TUNING button ▲ or ▼ pressed until you approach the required frequency.
- Then release the button and press the opposite TUNING button quickly and briefly: then the displayed frequency stops.
- Then press TUNING ▲ or ▼ briefly each time. In this way the frequency is changed step-by-step until finally the right frequency has been reached. One step is 0.05 MHz (50 kHz) on FM and 10 kHz on AM.

- When the word STEREO appears in the display ④, you are receiving a FM-stereo transmitter. A disturbing noise, due to a weak FM-stereo signal, can be suppressed by pressing the MONO/STEREO button once. The word STEREO will then disappear and you will hear ***(and record)*** the FM program in mono.
- The radio returns to STEREO when pressing MONO/STEREO again or when selecting another transmitter.
- Always switch off the set after use with POWER button ⑭.

PREFERRED TRANSMITTERS - PRESETS

For each wave band, you can store the frequencies of up to 6 transmitters in the memory.

Storing transmitter frequencies

1. Select the wave band using the BAND SELECTOR.
2. Using the TUNING ▲ ▼ buttons, tune either automatically or manually to the frequency to be stored.
3. If you want to store the frequency shown, press MEMORY/TIME; the PRESET number starts flashing. '0' means that the shown frequency has not yet been stored.
4. Within 5 seconds, select the desired PRESET location using the PRESETS buttons ▲/▼.
5. Then press MEMORY/TIME again; the frequency is now stored.

- A stored frequency is only erased from the memory by storing another frequency in its place.
- In case of power breakdown or exhausted batteries, the contents of the memory will be kept by the four R6, UM3 or AA buffer batteries (fig. 2).

Tuning to a preselected transmitter

- Set the function selector ⑬ to **TUNER**
- Select the wave band using the BAND SELECTOR
- Select the desired PRESET location using the PRESETS buttons ▲/▼.

CLOCK

In position CD or TAPE, and also if the set is switched off, the display ④ shows the time.
In position TUNER, you can select time or frequency indication by pressing FREQUENCY/TIME.
You can choose between 24 hours or 12 hours time indication: press function button TAPE ⑬, keep MEMORY/TIME pressed and then press FREQUENCY/TIME.
(24-hours clock not on all versions.)
In case of 12 hours indication, AM or PM appears on the display.

Time setting

- Switch on the set using the POWER button ⑭.
- Press the TAPE button ⑬ (not TUNER or CD)
- Keep at the same time the buttons MEMORY/TIME and PRESETS ▲ or ▼ pressed: after some seconds, the displayed time starts running. When approaching the actual time, release ▲ or ▼ and the displayed time stops.
- Keep MEMORY/TIME pressed and press PRESETS ▲ or ▼, briefly each time; the time is changed minute-by-minute until you finally reach the correct time.
- The clock starts running when releasing the MEMORY/TIME button.
- In case of power breakdown or exhausted batteries, the clock runs on the four R6, UM3 or AA buffer batteries (fig. 2)

COMPACT DISC

PLAYING A DISC

- Switch on the set using the POWER button ⑭.
- Press function button CD ⑬ (Compact Disc): -- --:-- appears on the display.
- Adjust the sound with the controls VOLUME ①, BALANCE ⑪ and GRAPHIC EQUALIZER ⑫ and the DBB button ⑧.
- Press CD OPEN ⑥ to open the disc cover.
- Insert the disc, printed side facing up (fig. 5).
- Close the cover The CD-player starts and scans the contents list of the disc. After that, the total playing time and the number of tracks present on the disc appears on the display and the CD-player stops.
- Playback will start by pressing PLAY ▷. As soon as playback starts, the display shows the track number 1 and the elapsed playing time of the first title. When the second title is reached the track number 2 appears, etc.
- For brief interruptions, press PAUSE ▯▯. The word PAUSE then appears To continue playback, press PAUSE again.
- To stop playback, press STOP □.

The CD player also goes to position STOP:
- by pressing CD OPEN ⑥;
- when the end of the disc is reached;
- if you move the function selector ⑬;
- if the batteries run down or if the power supply is interrupted in another way.

- To take out the disc, open the disc cover by pressing CD OPEN ⑥. Open the disc cover only if the CD-player is in position STOP.
- Always switch off the set after use with the POWER button ⑭.

Remarks

– If the battery voltage is not sufficient any more for playing a disc, the CD-player will not start.

– If -- --:-- does not disappear, the CD-player cannot read the disc. Possible causes are:
- you inserted the disc the wrong way: the label should face up (fig. 5);
- the surface of the disc is badly scratched or dirty, see 'Maintenance';
- the lens ⑩ (fig. 6) is steamed up because of a sudden transition from a cold into a warm environment; do not clean the lens, but let the set acclimatize for a while.

INTROSCAN

The INTROSCAN function can be switched on from the STOP, PLAY and SHUFFLE mode.

- Press INTROSCAN. The word SCAN then appears. Only the first few seconds of each track on the disc are played, but always from track number 1.
- The moment you press PLAY ▷ or SHUFFLE, the INTRO-SCAN function is defeated (the word SCAN disappears) and the disc is played in the normal way from this track number.
- If you press ⏮ or ⏭, the INTROSCAN function remains operative and the beginning of the chosen track is played.
- If the INTROSCAN function is not defeated by pressing PLAY ▷, SHUFFLE or STOP □, the CD player returns to STOP as soon as the end of the disc is reached.

REPEAT

If you want to repeat the whole disc (or the stored selection) continuously, press REPEAT: the word REPEAT appears.
The REPEAT function can only be switched on during playback: PLAY, SHUFFLE or INTROSCAN.
To defeat the REPEAT-function, press REPEAT again and the word REPEAT disappears.

SHUFFLE

If you want to play all tracks in a random order, press SHUFFLE: the word SHUFFLE appears.
The SHUFFLE function can be switched on from the STOP, PLAY, REPEAT and INTROSCAN mode.
To defeat the SHUFFLE-function, press SHUFFLE again and the word SHUFFLE disappears.

⏮ ⏭ - PREVIOUS/NEXT - SEARCH

1. PREVIOUS/NEXT

Press briefly (less than 1 second)

a. During PLAY or INTROSCAN:

⏭ - go to the next track (title)

You can jump to the next title by pressing ⏭ once.

If you want to skip more than one track, then press ⏭ more than once until the display shows the desired track number.

⏮ - go to the previous track (title)

If you want to repeat the running title from the beginning, press ⏮ once.

If you want to repeat one of the previous titles during PLAY or INTROSCAN, press ⏮ more than once until the display shows the required track number.

b. In position STOP:

In position STOP with a disc inserted you can select the desired title using ⏮ and ⏭ until the display shows the required track number.

2. SEARCH

During playback, keep ⏭ for search forward and ⏮ for search backward pressed. The disc is played partly and at high speed, however, the sound is still recognizable.

Release the button as soon as you recognize the required passage: the disc will be played in the normal way from this passage.

If the button is pressed longer than 10 seconds, the search speed increases.

COMPACT DISC

PROGRAMMING TRACK NUMBERS

You may select a number of tracks and store these in the memory in the desired sequence. When playing, you will only hear the stored titles in the selected sequence. At most, 20 tracks can be stored in the memory. You may store each track more than once.

Manual selecting
- Load the disc, but do not press PLAY ▷ yet.
- Select the desired track using the buttons ⏮ and ⏭ until the display shows the required track number.
- Store this track by pressing STORE.
- Select and store in this way all desired titles.

Storing during INTROSCAN
- Press INTROSCAN to play the first few seconds of each track.
- Press STORE as soon as you recognize a desired title.

Storing during PLAY
- During normal PLAY you may store the running title by pressing STORE.

– After pressing STORE the character 'P' (PROGRAM) appears, indicating that the track has been stored.
– Store all desired titles in the required sequence. You may store each track more than once.
– At most, 20 tracks can be stored in the memory. When the memory is full, the character 'F' (FULL) appears.
– When pressing DISPLAY, the display will show in sequence all stored track numbers.
– You can simply erase the whole memory by pressing CLEAR: the character 'C' for CLEAR appears now.
The contents of the memory are also erased:
- by opening the disc cover using CD OPEN ⑥;
- if you move the function selector ⑬;
- if the batteries get exhausted or if the power supply is interrupted in another way.

How to play the stored selection
- To play your selection, the CD-player should be in position STOP.
- Then press PLAY ▷: playback starts and the word MEMORY appears.

CASSETTE

CASSETTE PLAYBACK

Playback on deck A or B
- Switch on the set using the POWER button ⑭.
- Press function button TAPE ⑬.
- Adjust the sound with the controls VOLUME ①, BALANCE ⑪ and GRAPHIC EQUALIZER ⑫ and the DBB bass button ⑧.
- Press EJECT ■ and insert a recorded cassette (fig 8)
- For playback on deck B, set the REVERSE selector ⑲ to ⥱ no reverse, to play one cassette side So, deck B stops at the end of the tape. Select the required play direction using DIRECTION button ◀▶.

⊂ single reverse, to play both cassette sides once Select the required play direction using DIRECTION button ◀▶. At the end of the first cassette side, the tape direction is reversed and the REVERSE selector ⑲ jumps to position ⥱ Deck B stops at the end of the second cassette side

⟲ continuous reverse, for non-stop playback: deck B reverses the play direction whenever reaching the end of the cassette.
The indicators TAPE DIRECTION ✱ show the actual deck B play direction. You can reverse the play direction at any moment by pressing DIRECTION ◀▶.
- Press PLAY and playback will start.

On deck B, you can reverse the play direction at any moment by pressing DIRECTION ◀▶.
- To stop playback, press STOP ■.

When the end of the tape is reached, the recorder buttons are released (except for non-stop play on deck B)
- Always switch off the set after use with POWER button ⑭.

Continuous play
Deck B plays both cassette sides and at the end of the cassette, deck A will start playing.
- Press function button TAPE ⑬.
- Press both EJECT buttons ■ and insert a recorded cassette into both decks (fig. 8).
- Set REVERSE selector ⑲ to ⊂ to play both cassette sides once.
- Select the required play direction using DIRECTION ◀▶.
- Press on deck B PLAY ▶ and playback will start.
- Press on deck A PAUSE ⏸ and then PLAY ▶. As soon as deck B stops (at the end of the cassette or when its STOP button ■ is pressed), PAUSE ⏸ is released and deck A will start playing back.
- When deck B is started again by pressing PLAY ▶, deck A is muted and you will hear deck B again.
- To stop playback, press STOP ■.

CASSETTE

RECORDING (on deck A only)

Preparation
During recording, the deck B buttons should not be pressed.
- Switch on the set using the POWER button ⑭.
- Press EJECT ■ to open the cassette holder.
- Insert the cassette into deck A (fig. 8).

For recording you must use a cassette on which the tabs (fig. 9) are not broken out.
At the very beginning of the tape, no recording will take place during the first 7 seconds when the leader tape passes the recorder heads.
- Set the cassette type selector ⑩ to:

⏍ FERRO I for NORMAL cassettes, IEC I.
⏍ CHROME II for CHROME cassettes, IEC II.

Do not press this button during recording.
- When monitoring during recording, adjust the sound with the controls VOLUME ①, BALANCE ⑪, GRAPHIC EQUALIZER ⑫ and the DBB bass button ⑧. These controls do not affect the recording.

Recording from the CD-player
- Press function button CD ⑬.

It's not necessary to start the CD-player separately: if you press RECORD ●, the CD-player starts automatically:
- if the CD-player is in position STOP, recording will start from the beginning of the disc (or from the beginning of the stored selection);
- if the CD-player is in position PAUSE, recording will start from this very position;
- in position SCAN the CD-player will first return to the beginning of that track and then recording will start.

Recording from the radio
- Press function button TUNER ⑬.
- Tune to the desired radio station.
- In case of FM radio recordings, set the radio to the desired position (MONO or STEREO).

Microphone recording
- Connect the microphone to the jack MIC ⑱.

– Microphone only: press function button TAPE ⑬;
– Mixing with cassette: press function button TAPE ⑬ and on deck B PLAY ▶;
– Mixing with CD: press function button CD ⑬;
– Mixing with radio: press function button TUNER ⑬.

- If a howling sound occurs:

– keep the microphone away from the speakers,
– or reduce the VOLUME ①,
– or use headphones for monitoring.

Starting and stopping
- Start recording by pressing RECORD ●; in doing so, PLAY ▶ is pressed too.
- For brief interruptions, press PAUSE ❚❚. To restart recording, press this button once more.
- To stop recording, press STOP ■. On pressing again, the cassette holder will open.
- Always switch off the set after use with POWER button ⑭.

DUBBING - Copying from deck B to A

When dubbing, it is recommended to use fresh batteries or to connect the set to the power.
- Press function button TAPE ⑬.
- Set the HIGH SPEED DUBBING button ⑨ to:

⏍ for normal speed copying;
⏍ for high speed copying.

Do not press this button during dubbing.
- Press both EJECT buttons ■ and insert a recorded cassette into deck B and a cassette which is suited for recording into deck A (fig. 8).
- For deck A, set the cassette type selector ⑩ to:

⏍ FERRO I for NORMAL cassettes, IEC I.
⏍ CHROME II for CHROME cassettes, IEC II.

- For deck B, select the required play direction using DIRECTION button ◀▶.
- Press on deck A PAUSE ❚❚ and RECORD ●.
- To start dubbing, press on deck B PLAY ▶.

Dubbing continues also if the deck B play direction is reversed (automatically or by hand using DIRECTION ◀▶).
- By pressing PAUSE ❚❚ on deck A, you can omit undesired passages while deck B continues. To restart copying, press PAUSE ❚❚ once more.
- Using PAUSE ❚❚ of deck B, deck A will record a blank part.
- To stop dubbing, press both STOP buttons ■.

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FAST FORWARDING AND REWINDING

Press ◀◀ or ▶▶. To stop, press STOP ■.

SAFEGUARDING AGAINST ERASURE

Keep the cassette side to be safeguarded in front of you (fig. 9) and break out the left tab. Now, recording on this side is no longer possible.
You can render this safeguard ineffective by covering the aperture with a piece of adhesive tape.

MAINTENANCE

CD-PLAYER AND DISC MAINTENANCE

– The lens Ⓧ (fig. 6) should never be touched or cleaned.
– The lens may steam up when the set is taken from a cold into a warm environment. Playing a disc is not possible then. Do not clean the lens, but let the set acclimatize for a while.
– Always pick up the disc by the edge and put it back in its box immediately after use.
– To clean, breath on the disc and wipe it off in a straight line from centre to edge (fig. 7) using a soft, lint-free cloth. Cleaning agents may harm the disc.

CASSETTE DECK MAINTENANCE

To ensure a good recording and playback quality, clean the parts Ⓐ Ⓑ Ⓒ Ⓓ indicated in fig. 10 after every 50 hours of operation or, on average, once a month.
- Open the cassette holder by pressing EJECT ■.
- Use a cotton bud slightly moistened with alcohol or a special head cleaning fluid.
- Press PLAY ▶ and clean the rubber pressure roller Ⓓ (fig. 10).
- Then press PAUSE ❚❚ and clean erase head Ⓐ, recording/playback head Ⓑ and capstan Ⓒ.
- After cleaning, press STOP ■.

Cleaning of the heads Ⓐ and Ⓑ can also be done by playing a cleaning cassette through once as an ordinary cassette.

Remarks
– The mechanisms of the CD-player and the cassette decks are fitted with self-lubricating bearings and therefore must not be oiled or greased.
– Fingerprints, dust and dirt on the apparatus can be removed using a soft, clean and slightly damp leather cloth. Do not use any cleaning agents, since they may affect and harm the cabinet.
– Keep the set, batteries, discs and cassettes away from rain, moisture, sand and excessive heat, e.g. near heating equipment or in cars parked in the sun.

LIMITED WARRANTY

MAGNAVOX PORTABLE COMPACT DISC

• One (1) Year Carry-In Exchange

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

One Year Coverage

For one (1) year from the date of purchase, your Portable Compact Disc will be replaced with a new, renewed or comparable product (whichever is deemed necessary) if it becomes defective or inoperative. This is done without charge to you. Replacement products are warranted for the balance of the warranty period.

Who is Protected? ... Where?

This warranty is extended to the original retail purchaser for products purchased and used in the U.S.A., Puerto Rico and the Virgin Islands.

What the Purchaser Must Do

Before you call for service, check your operating instruction booklet. A slight adjustment of the customer controls discussed in your instruction booklet may save you a service call.

If you require service during the warranty period, you must take your Portable Compact Disc to the dealer from whom it was purchased, or carefully pack the product and ship it by prepaid transportation with proof of the purchase date to the Small Product Service Center*, address listed below.

ALL IMPLIED WARRANTIES INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE DURATION OF THIS EXPRESS WARRANTY Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

Philips Service Company
☎ (615) 475-0317

How To Get Service On Your Portable Compact Disc After The 1 Year Warranty Expires

Out-of-warranty service can be obtained at a nominal cost for replacement and handling under the following arrangements:

1. Contact the Philips Service Company office listed above to obtain the cost of out-of-warranty repair for your model product.
2. Pack your product securely in a suitable container for shipment.
3. Mail the product to the Small Product Service Center* listed below.
4. When your product is received, it will be replaced by a renewed product which meets Philips' high quality standards and shipped back to you by prepaid transportation.

*** Small Product Service Center**

Philips Service Company
907 Snapp Ferry Road, Plant 2, Building 6
Greeneville, Tennessee TN 37743
☎ (615) 636-5740

EL 4342-1 **89/12**

Philips Consumer Electronics Company

A Division of North American Philips Corporation

3139 116 1285.1 Printed in Singapore 0490/1